OUTSIDE

SUN BLINDS.

LONDON.

OUTSIDE
SUN BLINDS.

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OUTSIDE SUN BLINDS: EXPLANATORY REMARKS.

IT is essential that **Sun Blinds** be **well made,** and in order to overcome difficulties, that they be made only by those who have had large experience. A badly made Sun Blind, perhaps more than any other kind of Blind, is intolerable. The Frames or Cases of our Sun Blinds are all carefully constructed in our Joiners shop, on well considered principles, and thoroughly well painted with the Best Lead and Oil Colours. The Iron Work is accurately made by specially trained Smiths in our own works, in the best manner, using Castings and other Special Parts where desirable. The Pulley Heads are fitted with our Patent Pulleys, illustrated on page 10. The Lines used are of Super Linen Thread. We have made a very careful selection of suitable Ticks for Outside Sun Blinds specially adapted for the purpose, being soft and thoroughly reliable in wear, and we hold large stocks, but we can use almost any pattern tick preferred. We would also point out that we charge only the same price for many red and green striped fancy Ticks as for blue and white. Our pattern books should always be consulted in selecting Ticks for Outside Sun Blinds.

Although somewhat costly at first, Outside Sun Blinds will be found, if carefully used, to last so many years that the expense is only very slight when spread over a period. In addition to this, whilst it may be desirable to have more costly Blinds, either Florentine, Spanish, or Helioscene, for Reception Rooms, for bedrooms and other rooms, particularly back windows, where the only object is to keep the room cool, the Canaletti, which is a cheaper Blind, answers every purpose. Particulars of the various kinds of Blinds and the prices and special merits of each will be found on the following pages. We draw special attention to Woodwire Blinds on pages 55 to 58.

The advantages of **Outside Sun Blinds** are so generally admitted that we may fairly claim for them to rank, if not as a necessity at least as an important luxury, that should be found in every well furnished house. One of the principal London Daily Papers writing recently in an article on the hot weather, said:

> "Rooms can only remain cool when the sun is kept off the walls and window panes. Many people live "with blinds drawn in semi-darkness, trying to imagine they have obtained coolness, where they have "nothing of the kind. The house and its inmates both need the healthy summer sunshine, and what they "want to escape is the glare of it without the sultryness that so invariably comes with shut-in air. "Undoubtedly an Outside Blind is a necessity for a window on which the sun strikes."

Another London Daily Newspaper writing again on the same subject, said:

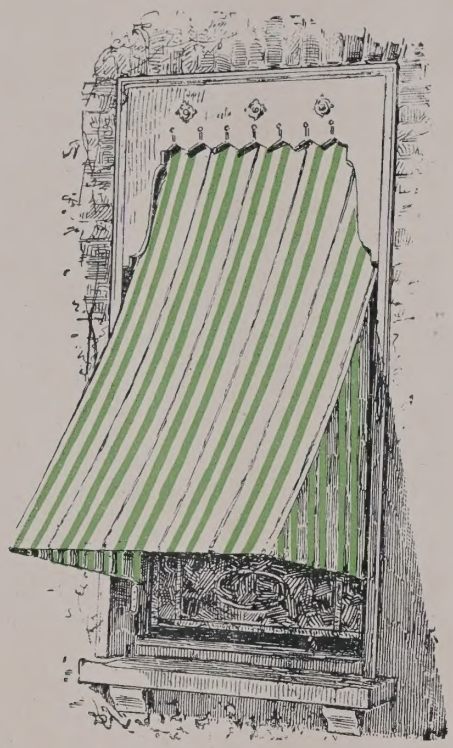
> "The chief essential towards keeping a room cool is to keep the sun off the glass, and therefore Outside "Blinds—which protect and shade, and generally cover windows—are the best."

This being the case, all the principal rooms in a sunny house, Reception Rooms, Bedrooms, Nurseries, or Kitchens, in fact, all rooms where an even cool temperature is desired in hot weather, should be fitted with **Outside Sun Blinds,** as not only do they reduce the temperature of the room very many degrees but they keep off all superfluous light and enable the window to be sheltered without obstructing the view and thus make the otherwise unbearable room cool and pleasant in the hottest weather.

The importance of having **Front** and other **doors** protected by **Outside Sun Blinds** is so generally admitted that we need hardly refer to it, excepting to remark how very much the demand for **Door Blinds** has increased the last few years. On pages 59 to 62 we give several illustrations of Door Blinds. We give special attention to their manufacture.

FLORENTINE BLINDS.

The **FLORENTINE** is the **Standard Sun Blind,** and is undoubtedly the best for all ordinary purposes, as its simplicity of action, combined with free ventilation, lowness of price, and certainty of success in answering the main purposes of a Sun Blind, always gives satisfaction.



FLORENTINE SUN BLINDS, made with best Fancy Red, Blue, or Green Striped Ticks as either of the Patterns Nos. 1 to 50 in our Book, in Painted Deal Cases, complete ... ... } **2/2 per sq. foot.**

Remounting old Irons, etc., with New Best Fancy Striped Ticks, as either of the Patterns, Nos. 1 to 50 in our Book, New Lines, Rings, etc.... } **10d. per sq. foot.**

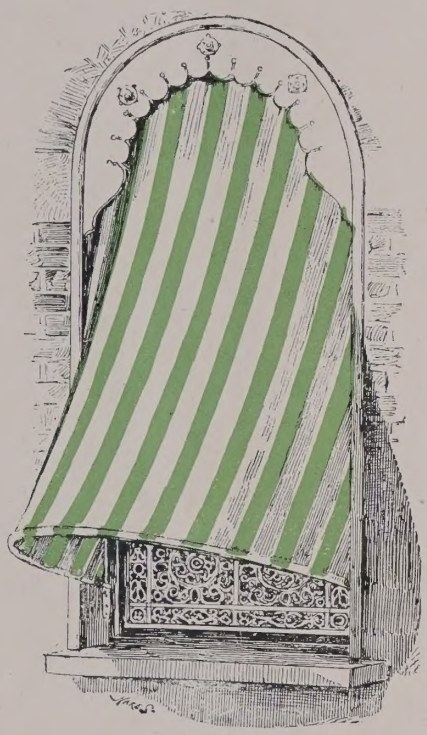
Patterns Nos. 51 to 99 in our Book, add 1½d. per square foot to either of above prices. Any other pattern Ticks, add 2d. per square foot to above prices. 07 Tick, **1d.** per foot less than above prices.

Blinds under 20 square feet charged as 20 square feet.

Particulars required to make above Blinds:—1. Kind of Blind. 2. Width of opening between reveals. 3. Height of ditto. 4. Depth of reveal. 5. Aspect of window. 6. Height of window from ground. 7. Pattern of Tick (quoting number in Book, or sending a Sample if not in our Book). 8. If other than ordinary stone colour case, what it is to be. 9. Square or circular-headed window (if other than true half-circle, send template).

ORIENTAL BLINDS.

ORIENTAL SUN BLINDS are of similar construction to the Florentine, but adapted for circular-headed windows; they are the only kind of outside Sun Blind really suitable for circular-headed windows, and can be adapted to Gothic and other shaped heads.



ORIENTAL SUN BLINDS made with Best Fancy Red, Blue and Green Striped Ticks, as either of the Patterns Nos. 1 to 50 in our Book in Painted Deal cases, complete ... ... **2/7 per sq. foot**

Re-mounting Old Irons with new Best Fancy Striped Ticks as either of the Patterns Nos. 1 to 50 in our book, new lines, rings, &c. ... ... **1/1 per sq. foot**

Patterns Nos. 51 to 99 in our book, add **1½d.** per square foot to either of the above prices, any other pattern Ticks, add **2d.** per square foot to above prices. 07 Tick **1d.** per foot less than above prices.

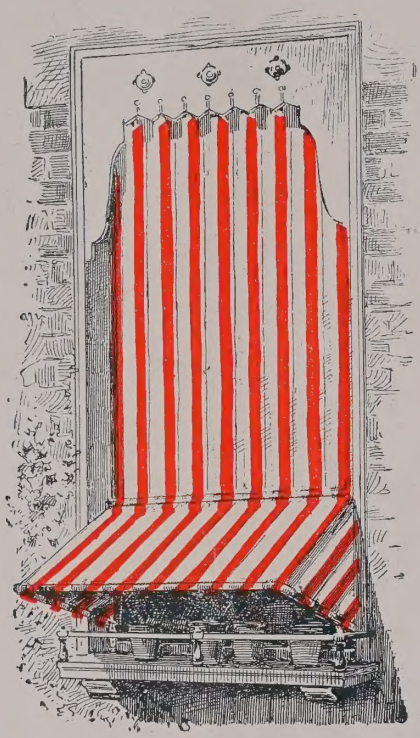
Blinds under 20 square feet charged as 20 square feet.

Particulars required to make above Blinds:—1. Kind of Blind. 2. Width of opening between reveals. 3. Height of ditto. 4. Depth of reveal. 5. Aspect of window. 6. Height of window from ground. 7. Pattern of Tick (quoting number in book, or send a sample if not in our book). 8. If other than ordinary stone coloured case, what it is to be. 9. Square or circular-headed window (if other than true half-circle, send template).

SPANISH BLINDS.

The special feature of the **SPANISH SUN BLIND** is that it can be raised or lowered to any height, without drawing in the hood.

Made on our improved principle, it ceases to have many of the serious difficulties which formerly prevented it from working satisfactorily, the old-fashioned wooden runners being done away with and replaced by iron rods and specially constructed eyelets.



SPANISH SUN BLINDS, made with best Fancy Red, Blue, or Green Striped Ticks, as either of the Patterns Nos. 1 to 50 in our Book, in Painted Deal Cases, complete ... ... **2/7 per sq. foot.**

Remounting old Irons, &c., with new best Fancy Striped Ticks, as either of the Patterns Nos. 1 to 50 in our Book, new Lines, Rings, &c., complete ... **11½d. per sq. ft.**

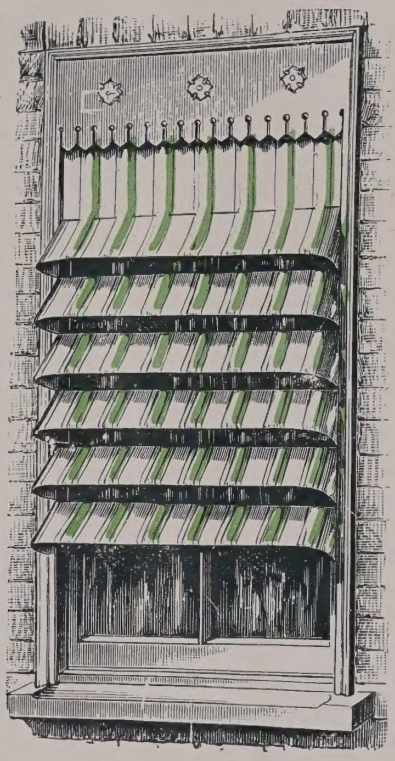
Patterns Nos. 51 to 99 in our Book, add **1½d.** per square foot to either of above prices. Any other pattern Ticks, add **2d.** per square foot to above prices. 07 Tick **1d.** per foot less than above prices.

Blinds under 20 square feet charged as 20 square feet.

Particulars required to make the above Blinds:—1. Kind of Blind. 2. Width of opening between reveals. 3. Height of ditto. 4. Depth of Reveal. 5. Aspect of window. 6. Height of Window from ground. 7. Pattern of Tick (quoting number in Book, or sending a sample if not in our Book). 8. If other than ordinary stone colour case, what it is to be. 9. Square or circular-headed window (if other than true circle, send template).

HELIOSCENE BLINDS.

The **HELIOSCENE SUN BLIND** has many advantages, foremost among which is that each Blind is constructed of several louvres, or hoods, so that, while all the sun is shielded from the window, the view is not obstructed and more air is obtained.



HELIOSCENE SUN BLINDS made with the best Fancy Striped Red, Blue or Green Ticks as either of the Patterns Nos. 1 to 50 in our Book in Painted Deal Cases complete ... ... — **2/6 per sq. foot.**

Remounting old Irons, &c., with new best Fancy Striped Ticks, as either of the Patterns Nos. 1 to 50 in our Book, New Lines, Rings, Eyelets, &c., complete ... ... — **1/3 per sq. foot.**

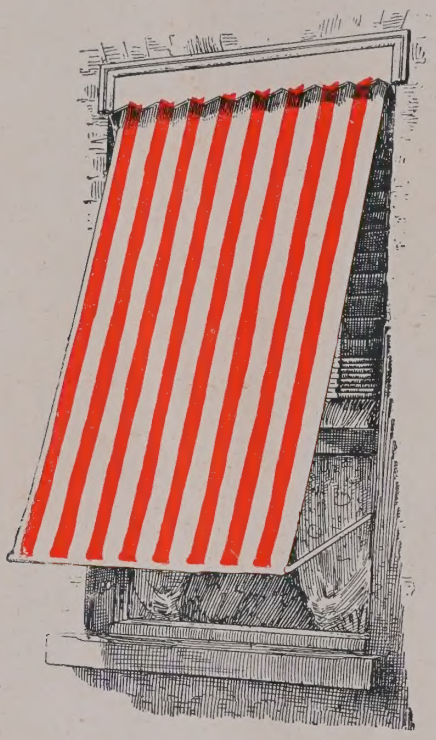
Patterns Nos. 51 to 99 in our book add **1½d.** per square foot to either of above prices, any other pattern Ticks add **2d.** per square foot to above prices. 07 Tick **1d.** per foot less.

Blinds under 20 square feet charged as 20 square feet.

Particulars required to make above Blinds.—1. Kind of Blind. 2. Width of opening between reveals. 3. Height of ditto. 4. Depth of reveal. 5. Aspect of window. 6. Height of window from ground. 7. Pattern of Tick (quoting number in book, or sending sample if not in our book). 8. If other than ordinary stone colour case, what it is to be. 9. Square or circular-headed window (if other than true half-circle, send template).

CANALETTI BLINDS.

THE CANALETTI is an inexpensive effective Sun Blind which, made with our Patent Brackets (Pat. No. 22914), combining the Line Guides and Rod Holders in the Brackets, enables us to use an unusually narrow Facia Board, thus obstructing very little light. The Blind is constructed so that the Cloth can be thrown away from the Window as shown in annexed engraving or let down close against the Glass to shade the Window from the oblique rays of the sun.



CANALETTI SUN BLINDS made with best Fancy Red, Blue, or Green Striped Ticks, as either of the Patterns Nos. 1 to 50 in our Book, in painted Deal Cases, complete ... ... **1/6 per sq. foot.**

Remounting old Irons and Rollers with best Fancy Striped Ticks, as either of the Patterns Nos. 1 to 50 in our Book, new lines, etc., complete ... ... **7d. per sq. foot.**

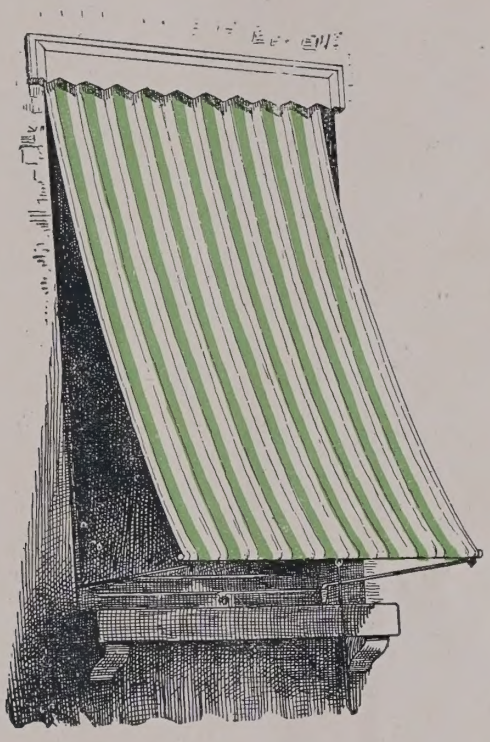
Patterns Nos. 51 to 99 in our book, add **1½d.** per square foot to either of above prices. Any other pattern Ticks, add 2d. per square foot to above prices. 07 Tick, **1d.** per foot less than above prices.

Blinds under 20 square feet charged as 20 square feet.

Particulars required to make above Blinds:—1. Kind of Blind. 2. Width of opening between reveals. 3. Height of ditto. 4. Depth of reveal. 5. Aspect of window. 6. Height of window from ground. 7. Pattern of Tick (quoting number in Book, or sending Sample if not in our Book). 8. If other than ordinary stone colour case, what it is to be. 9. Square or circular-headed window (if other than true half-circle, send template).

JANELLA BLINDS.

THE JANELLA BLIND is constructed with an English Steel Barrel Spring Roller in a Box fixed at the head of the window, and made to draw straight down the Window with a Centre Line; if a Balcony exists, the Blind can be tied to it, or Irons can be supplied to fit in Sockets and hooked to the Bottom Rail of Blind, at an extra charge.



JANELLA SUN BLINDS made with Best Fancy Red, Blue or Green Striped Ticks as either of the Patterns Nos. 1 to 50 in our Book, in Painted Deal cases, complete ... ... **1/3 per sq. foot.**

Remounting Old Rollers with new Best Fancy Striped Ticks as either of the Patterns Nos. 1 to 50 in our Book, new lines &c., complete ... ... **6½d. per sq. foot.**

Hinged Hooks or Hook-out Irons and Sockets for the bottom add **4/6** per blind.

To Draw Down with a Hooked Stick and Ring instead of Lines add **2/6** per blind.

Patterns Nos. 51 to 99 in our Book, add **1½d.** per square foot to either of the above prices, any other pattern Ticks, add **2d.** per square foot to above prices. 07 Tick **1d.** per foot less than above prices.

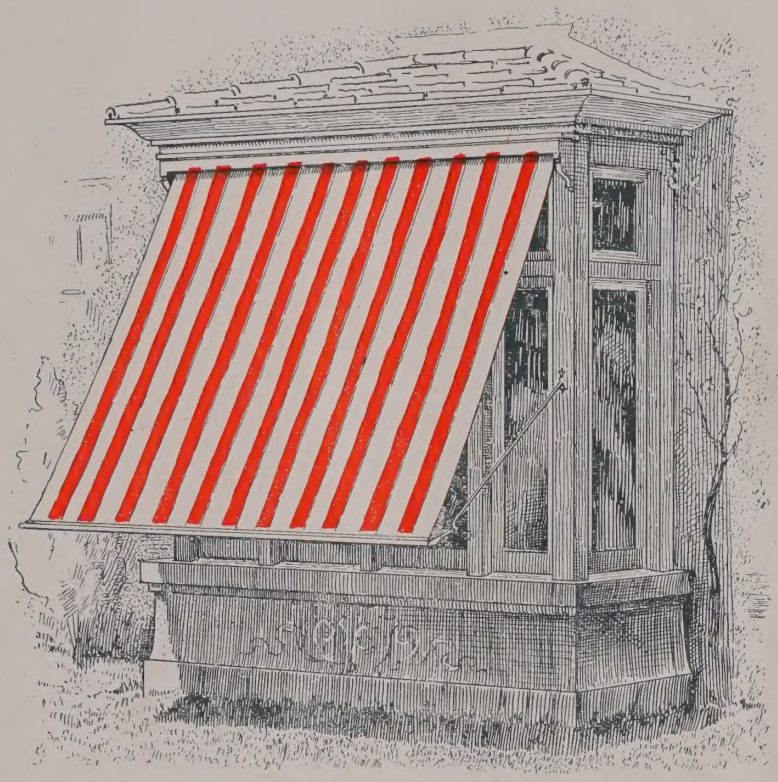
Blinds under 20 square feet charged as 20 square feet.

Particulars required to make above Blinds:—1. Kind of Blind. 2. Width of opening between reveals. 3. Height of ditto. 4. Depth of reveal. 5. Aspect of window. 6. Height of window from ground. 7. Pattern of Tick (quoting number in book, or sending a sample if not in our book). 8. If other than ordinary stone colour case, what it is to be. 9. Square or circular headed window (if other than true half-circle, send template).

SOPRA BLINDS.

We find an occasional demand for a Sun Blind worked with a Spring Roller to roll up into a box, similar to the Illustration annexed, either for Bay Windows (as indicated in the Illustration) or for large flat Square Windows with small casement sashes.

We would draw attention to the fact that Blinds like this must necessarily almost always let in a certain amount of side sun, and that they can usually only be fitted to windows that are sufficiently near the ground to allow of their being drawn out with an Ash Long Arm.



SOPRA SUN BLINDS, made with best Fancy Red, Blue and Green Striped Ticks, as either of the Patterns Nos. 1 to 50 in our Book, in Painted Deal Boxes, with hinge-jointed forged Iron Arms, Spring Rollers, Ash Pole Long Arm, &c., complete.

For Blinds of all ordinary throw-out.

Blinds up to 7 ft. wide ... ... 2/- per square foot.
Blinds over 7 ft. and under 10 ft. ... 1/10 ,, ,,

For greater widths, see "Awning Sopra Blinds," page 54.

Remounting old Spring Rollers, &c., with new best Fancy Striped Ticks, as either of patterns Nos. 1 to 50 in our Book.

Blinds up to 7 ft. wide .. .. 7d. per square foot.
Blinds over 7 ft. and under 10 ft. wide ... .. 6½d. ,, ,,

Patterns Nos. 51 to 99 in our Book, add 1½d. per square foot to either of above prices, any other pattern Ticks add 2d. per square foot to above prices. 07 Tick 1d. per foot less than above prices.

Blinds under 20 square feet charged as 20 square feet.

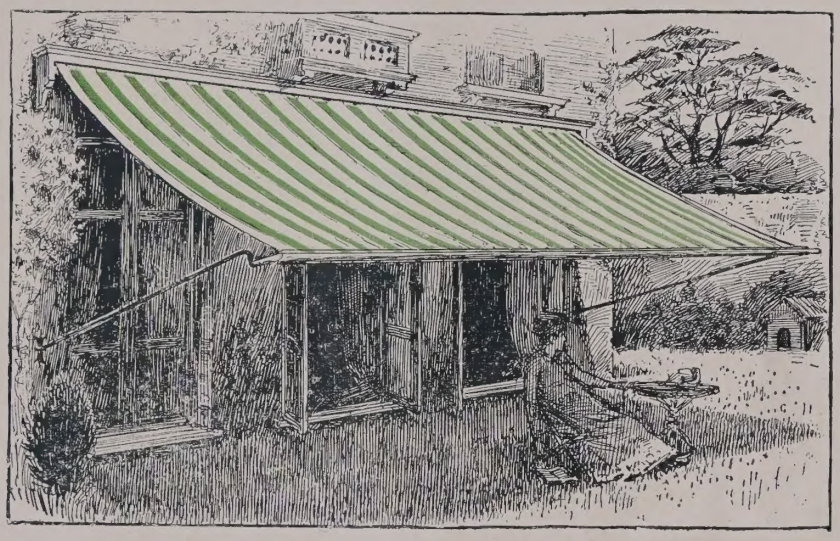
Particulars required to make above Blinds:—1. Kind of Blind. 2. How to fix, on face or in reveals; if to fix between reveals, give depth of reveals. 3. Width of Blind over ends of box. 4. Total height to where Blind fixes from ground. 5. If casements opening outwards give height and width of each and depth of fanlight. 6. Pattern of Tick (quoting No. in our book, or sending sample if not in our book). 7. If not the usual stone colour case, say what it is to be.

N.B.—A rough scale drawing is a great help and saves a great deal of trouble and correspondence.

AWNING SOPRA BLINDS.

It is frequently found advantageous to envelope with one Blind several Windows or Casement Doors, and thus form an Awning outside the house. This, when it can be done, is perfection of Sun Blinds, as it also shades the walls as well as the windows.

The **SOPRA,** worked with a Spring Roller and Hinge-jointed Iron Arms, and made to throw out a long distance from the wall, to give ample room to sit under, is a perfect Sun Blind for the Garden Front of a Suburban or Country House.



SOPRA SUN BLINDS, made with best Fancy Red, Blue, or Green Striped Ticks, as either of the Patterns Nos. 1 to 50 in our Book, in Painted Deal Boxes, with Hinge-jointed Forged Iron Arms, Spring Rollers, Ash pole long arm, &c., complete.

For Blinds of all ordinary throw out.

Blinds over 10 feet and under 15 feet wide, 1/8 per square foot.
Blinds over 15 feet wide ... ... 1/6 ,, ,,

For less widths, see pages 53 and 59.

Remounting Old Spring Rollers, &c., with new best Fancy Striped Ticks, as either of patterns Nos. 1 to 50 in our Book.

Blinds over 10 feet and under 15 feet wide, 6d. per square foot.
Blinds over 15 feet wide ... ... 5½d. ,,

Patterns Nos. 51 to 99 in our Book, add **1½d.** per square foot to either of above prices. Any other pattern Ticks, add **2d.** per square foot to above prices. 07 Tick, **1d.** per foot less than above prices.

Blinds under 20 square feet charged as 20 square feet.

Particulars required to make above Blinds:—1. Kind of Blind. 2. How to fix, on Face or in Reveals; If to fix between Reveals give depth of Reveals. 3. Width of Blind over ends of Box. 4. Total height of Door to where Blind fixes, from Sill or ground. 5. Number of Steps to Door, giving width and height of each. 6. If a Casement Door, opening outwards, give height and width of Doors and depth of Fanlight. 7. Pattern of Tick (quoting No. in our Book, or sending sample if not in our Book). 8. If not the usual stone colour case, say what it is to be.

N.B.—A rough scale drawing is a great help and saves a great deal of trouble and correspondence.

WOODWIRE BLINDS.

THERE is probably no kind of Outside Sun Blind which has so rapidly grown in popular favour as the Woodwire or Pinoleum Blind, sometimes called "Tropical Blinds."

These Blinds have for many years been used to some extent in England, but in different parts of the European Continent and other Countries they are used very much more largely than in England. In France and Germany, and in some other Countries they are exceedingly popular and wellknown to English Visitors.

Of late years there has been a very rapidly increasing demand for this kind of Blind. We have gone into the Trade very thoroughly, and are holding a very large stock of Woodwire in various makes.

The material consists of small round pieces of Wood about $\frac{1}{16}$ of an inch in diameter woven together with threads or bands. It thus admits the light, and whilst it does not exclude the whole of the rays of the Sun, it breaks their vehemence, and the result may perhaps aptly be expressed by saying that it, in effect, turns the summer sunlight into a winter one.

We make the material in two qualities—a fine make with very fine reeds, Fig. 1; and a coarser make with stronger reeds, Fig. 2; woven together into a fabric with threads. They are either painted,

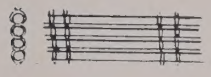


FIG. 1.

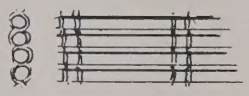


FIG. 2.

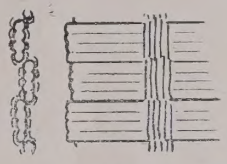


FIG. 3.

or left the plain natural Pine colour. We hold stock in painted Green two shades, and also in the plain Pine colour in both qualities. We can paint to any other colour that may be desired. We also hold stock of another make where, instead of having fine round reeds, there are thin strips of wood about $\frac{1}{4}$ in. wide by about $\frac{1}{16}$ in. thick woven together. This we term "flat reed," Fig. 3.

Another pattern which is popular for Outside Sun Blinds where it is desired to keep off more Sun, is the one we number B5, which is painted a bright Green, and is woven practically all over with threads. This pattern keeps out much more Sun than either of the others.

The ones in more general use for Inside Blinds, are the plain self-colour Woods either with bands to match or with Red bands:—Patterns A1, A2, and B1, as detailed in the following pages.

For Outside Sun Blinds we usually use A3 Dark Green or B2, B3, or B5.

We find an occasional demand for Blinds similar to the Canaletti or Janella pattern, but using this Woodwire instead of a linen Cloth. In that case we usually recommend B3 or B5 as being very much stronger than any other make.

For Outside Sun Blinds, these Blinds can be used either with or without Cases. The advantage of a Case is that it protects the Blind from the weather and gives rather a smarter finish. For Balconies with Verandahs these Blinds are most excellent as they break the rays of the Sun without excluding the view. For Conservatories they are probably about the best Blind that has ever yet been introduced, and can be used either for the roof on the Parbuckle principle, *i.e.*, to roll down by their own weight or on Spring Rollers, and for the sides on the Parbuckle principle or to reef up.

We do not usually recommend mounting these Woodwire Blinds on Spring Rollers. We consider that generally the best way to work them is for them to reef up with rings attached, the lines passing through the rings as indicated in the drawing on page 56. In this way the Blinds can mostly be wider than when made to work on a Roller.

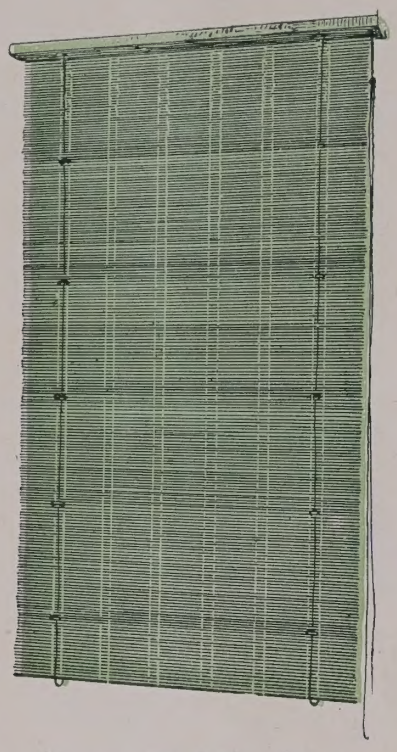
On page 56 we give an Illustration showing a Woodwire Blind without any box, as it may be fitted either inside or outside the Window. On the next page, an illustration of a Blind similarly fitted outside the window with a Box, and on page 58 an Illustration that would serve either to show a Canaletti or a Janella Blind fitted with Woodwire, and we also give prices and particulars.

There is yet another kind of Blind which may be included under this heading, viz., "Brazilian Grass." We hold stock of one make of Brazilian Grass Blinds, but can supply all kinds of fancy patterns in it to order.

WOODWIRE BLINDS WITHOUT CASES.

These Blinds, sometimes called **"PINOLEUM"** or **"TROPICAL" BLINDS,** are fully described on page 55. This Illustration shows a Blind fitted without case, either for inside or outside use, made to reef up.

These Blinds can be made either to reef up, which is usually the best way, or on Single Line Rollers, or to roll up on their own bottom sticks.



PRICES AT PER SQUARE FOOT :—

Pattern No.	DESCRIPTION.	Blinds complete, edges bound, with rings and pulley head to reef up, with bottom stick, or to roll up.	Blinds, with edges, bound with rings to reef up, and bottom stick, to mount to own fittings.
A 1	Natural Pine-Wood Colour with bands to match (small reeds)	10½d.	8½d.
A 2	Natural Pine-Wood Colour with red bands (small reeds)	1/-	10d.
A 3	Dark Green Painted Wood with green bands (small reeds	1/-	10d.
A 4	Painted to any other colour than our stock dark green (small reeds)	1/1	11d.
A 5	Natural Pine-Wood Colour (flat reeds)	10½d.	8½d.
B 1	Natural Pine-Wood Colour with bands to match (large reeds)	8d.	6d.
B 2	Dark Green Painted Wood with green bands (large reeds)	9½d.	7½d.
B 3	Light Green Painted with painted green bands (large reeds)	9½d.	7½d.
B 4	Painted to any other colour than our stock greens (large reeds)	10½d.	8½d.
B 5	Light Green with painted green threads woven all over (large reeds)	1/-	10d.
	Brazilian Grass Blinds	1/1	11d.

If made with English Spring Rollers add 4d. per square foot. These are not usually suitable for Wood-wire Blinds.

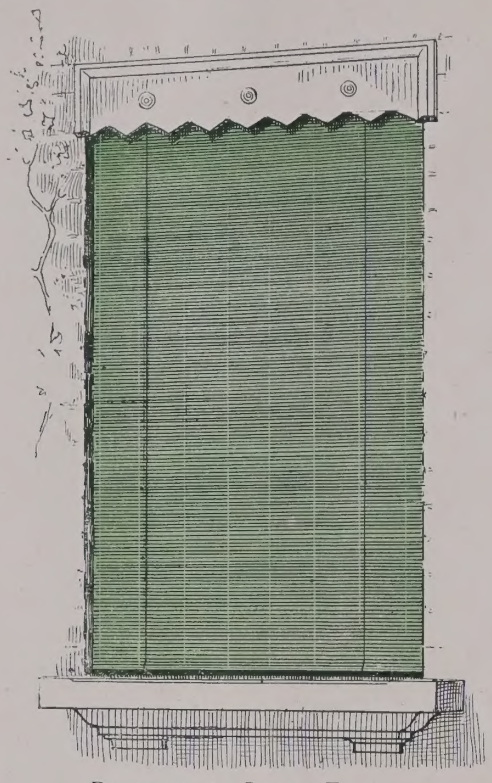
Blinds under 18 square feet charged as 18 square feet.

Blinds can be made up to 8 ft. 2 in. wide in A1, A3, A4, B2, without joins, and in the other qualities up to 6 ft. 6 in. wide.

Particulars required to make above Blinds:—1. Width. 2. Height. 3. Pattern. 4. Colour. 5. If to reef up or otherwise.

Woodwire Blinds with Cases.

These Blinds are fully described on page 55, this illustration shows a Blind fitted with a painted deal case, to fall straight down the window. Blinds thus fitted are usually made to reef up, they can be made to roll up on Single Line Rollers, or to roll up on their own Bottom Sticks at same price.



Prices at per Square Foot:—

Pattern No.	Description.	Blinds complete in cases, edges bound with rings and pulley head to reef up, with bottom stick, or to roll up.	Blinds with edges, bound with rings to reef up, and bottom stick, to mount to own fittings and cases.
A 1	Natural Pine-Wood Colour with bands to match (small reeds)	1/2½	8½d.
A 2	Natural Pine-Wood Colour with red bands (small reeds)	1/4	10d.
A 3	Dark Green Painted Wood with green bands (small reeds)	1/4	10d.
A 4	Painted to any other colour than our stock dark green (small reeds)	1/5	11d.
A 5	Natural Pine-Wood Colour (flat reeds)	1/2½	8½d.
B 1	Natural Pine-Wood Colour with bands to match (large reeds)	1/-	6d.
B 2	Dark Green Painted Wood with green bands (large reeds)	1/1½	7½d.
B 3	Light Green Painted with painted green bands (large reeds)	1/1½	7½d.
B 4	Painted to any other colour than our stock greens (large reeds)	1/2½	8½d.
B 5	Light Green with painted green threads woven all over (large reeds)	1/4	10d

If made with English Spring Rollers add 4d. per square foot. These are not usually suitable for Woodwire Blinds.

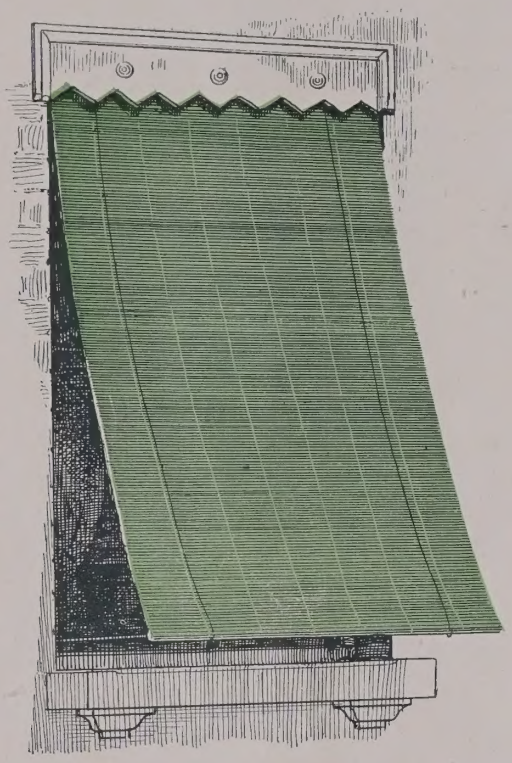
Blinds under 20 square feet charged as 20 square feet.

Blinds can be made up to 8 ft. 2 in. wide in A1, A3, A4, B2, without joins, and in the other qualities up to 6 ft. 6 in. wide.

Particulars required to make above Blinds:—1. Kind of Blind. 2. Width of opening between reveals. 3. Height of ditto. 4. Depth of reveal. 5. Aspect of window. 6. Height of window from ground. 7. Pattern of wood-wire (quoting number above). 8. If other than ordinary stone colour case, what it is to be. 9. Square or circular-headed window (if other than true half-circle, send template.)

Woodwire Blinds with Cases & Irons.

These Blinds are fully described on page 55. The Illustration shows a Blind fitted with a Painted Deal Case and to work as either a Canaletti or Janella Blind, as described on pages 51 and 52.



The Prices following are for the Blinds made complete, either as Canaletti Blinds with Hood Irons to fall down, with swivels working on iron side rods, or as Janella Blinds with Bottom Rails and Iron Hooks to fit into sockets to hook out the Blind at bottom.

	New Blinds Complete.	New Material fitted to old fittings.
Light Green painted, with painted Green Bands (Pattern B3)	**1/6**	**8½d.**
Light Green painted, with threads woven all over (Pattern B5)... ...	**1/8**	**11d.**

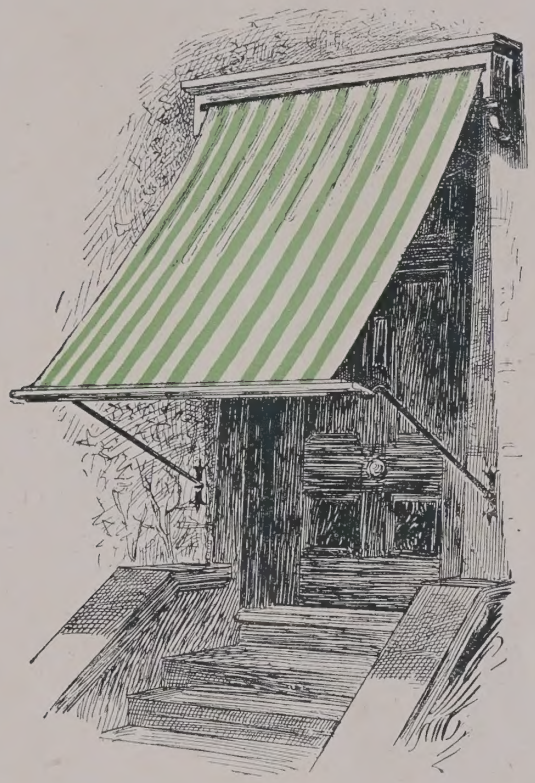
Our other patterns Woodwire can be used, but are not recommended, for this make of Blind. Prices would be in proportion.

Blinds under 20 square feet charged as 20 square feet.

Particulars required to make above Blinds:—1. Kind of Blind. 2. Width of opening between reveals. 3. Height of ditto. 4. Depth of reveal. 5. Aspect of window. 6. Height of window from ground. 7. Pattern of Woodwire (quoting number above). 8. If other than ordinary stone colour case, what it is to be. 9. Square or circular-headed window) if other than true half-circle, send template).

DOOR SOPRA BLINDS.

THE SOPRA is the most popular Blind for Front and other Doors. It is worked with a Spring Roller and hinged-jointed Iron Arms, drawn out with an Ash Pole. It is frequently the only one that can be well put.



SOPRA SUN BLINDS, made with best Fancy Red, Blue, or Green Striped Ticks, as either of the Patterns Nos. 1 to 50 in our Book, in Painted Deal Boxes, with hinge-jointed forged Iron Arms, Spring Rollers, Ash Pole long arm, &c., complete.

For Blinds of all ordinary throw-out.

Blinds up to 7 feet wide	**2/- per square foot.**
Blinds over 7 and under 10 feet wide	**1/10** „ „

For greater widths, see "Awning Sopra Blinds," page 54.

Remounting old Spring Rollers, &c., with new best Fancy Striped Ticks, as either of patterns Nos. 1 to 50 in our Book.

Blinds up to 7 feet wide	**7d.** per square foot.
Blinds over 7 feet and under 10 feet wide	**6½d.** „ „

Patterns Nos. 51 to 99 in our Book, add 1½d. per square foot to either of above prices. Any other pattern Ticks, add 2d. per square foot to above prices. 07 Tick **1d.** per foot less than above prices.

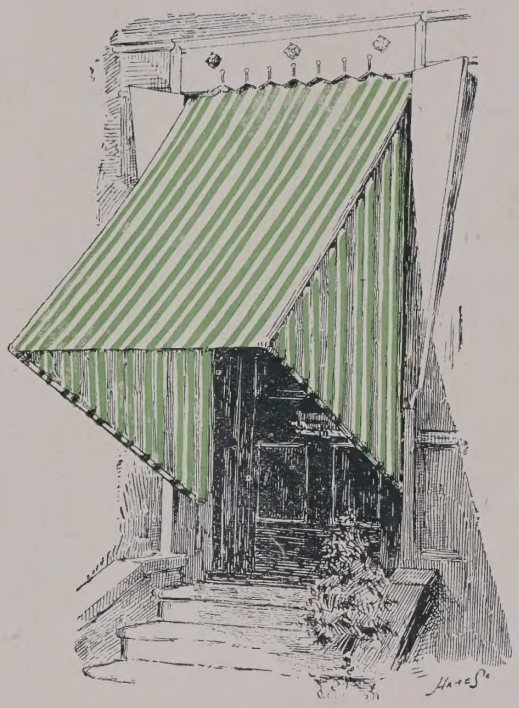
Blinds under 20 square feet charged as 20 square feet.

Particulars required to make above Blinds:—1. Kind of Blind. 2. How to fix, on Face or in Reveals; if to fix between Reveals, give depth of Reveals. 3. Width of Blind over ends of Box. 4. Total height of Door to where Blind fixes, from Sill or ground. 5. Number of Steps to Door, giving width and height of each. 6. If a Casement Door, opening outwards, give height and width of Doors and depth of Fanlight. 7. Pattern of Tick (quoting No. in our Book, or sending sample if not in our Book). 8. If not the usual stone colour case, say what it is to be. 9. Square or circular-headed door (if other than true half-circle send template).

N.B.—A rough scale drawing is a great help and saves a great deal of trouble and correspondence.

DOOR FLORENTINE BLINDS.

For Square-headed Doors, made as **FLORENTINE BLINDS,** and for Circular-headed Doors, as **ORIENTAL BLINDS** with Irons to Throw out a long distance, and Side Wings to open. If a Blind is required with protection for the sides, the Door Florentine is usually the only one to have. It makes an excellent shade where it can be applied.



DOOR FLORENTINE SUN BLINDS, made with Fancy Red, Blue, or Green Striped Ticks as either of the Patterns Nos. 1 to 50 in our Book, in Painted Deal Cases Complete ... ... **2/2 per sq. foot.**

Remounting old Irons, &c., with new best Fancy Striped Ticks, as either of the Patterns Nos. 1 to 50 in our Book, new Lines, Rings, &c. ... **10d. per sq. foot.**

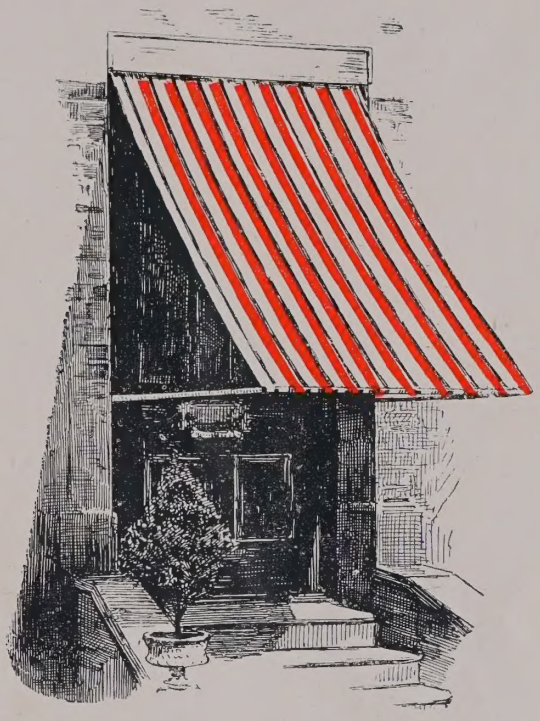
Patterns Nos. 51 to 99 in our Book, add **1½d.** per square foot to either of the above prices, any other pattern Ticks, add **2d.** per square foot to above prices. 07 Tick **1d.** per square foot less than above prices.

Blinds under 20 square feet charged as 20 square feet.

Particulars required to make above Blinds:—1. Kind of Blinds. 2. How to fix on Face or in Reveals; if to fix between Reveals, give depth of Reveals. 3. Width of Blind over ends of Box. 4. Total height of Door to where Blind fixes, from Sill or ground. 5. Number of Steps to Door, giving width and height of each. 6. If a Casement Door opening outwards, give height and width of Doors and depth of Fanlight. 7. Pattern of Tick (quoting number in our book, or sending sample if not in our book). 8. If not the usual stone colour case, say what it is to be. 9. Square or circular-headed door (if other than true half circle send template). N.B.—A rough scale drawing is a great help and saves a great deal of trouble and correspondence.

DOOR CANALETTI BLINDS.

When a cheaper Door Blind is required, **THE CANALETTI** (without any sides) can sometimes be used.



DOOR CANALETTI SUN BLINDS, made with best Fancy Red, Blue, or Green Striped Ticks, as either of the Patterns Nos. 1 to 50 in our Book, in Painted Deal Cases, complete ... ... } **1/6 per sq. foot.**

Remounting old Irons and Rollers with new Best Fancy Striped Ticks, as either of the Patterns Nos. 1 to 50 in our Book, new lines, &c., complete ... } **7d. per sq. foot.**

Patterns Nos. 51 to 99 in our Book, add **1½d.** per square foot to either of above prices; any other pattern Ticks, add **2d.** per square foot to above prices. 07 Tick **1d.** per foot less than above prices.

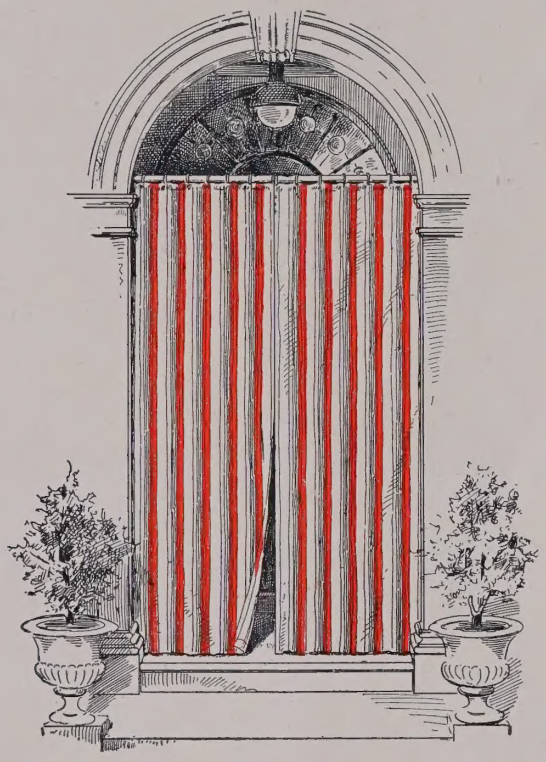
Blinds under 20 square feet charged as 20 square feet.

Particulars required to make above Blinds.—1. Kind of Blind. 2. How to fix, on Face or in Reveals; if to fix between Reveals give depth of Reveals. 3. Width of Blind over ends of Box. 4. Total height of Door to where Blind fixes, from Sill or ground. 5. Number of Steps to Door, giving width and height of each. 6. If a Casement Door, opening outwards, give height and width of Doors and depth of Fanlight. 7. Pattern of Tick (quoting number in our book, or sending sample if not in our book). 8. If not the usual stone colour case, say what it is to be. 9. Square or circular-headed door (if other than true half circle, send template).

N.B.—A rough scale drawing is a great help, and saves a great deal of trouble and correspondence.

DOOR CURTAIN BLINDS.

It is occasionally found practically impossible to fit doorways with either of the preceding kinds of Blinds, in which cases we sometimes have recourse to **CURTAINS** as indicated in engraving.

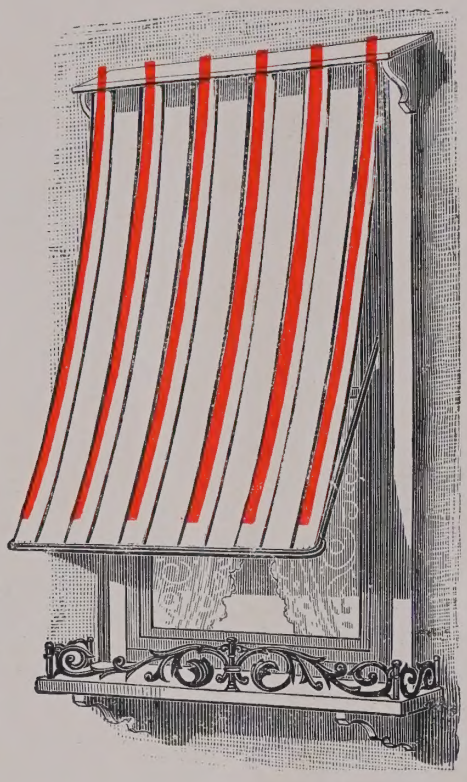


A Pair of CURTAINS made from best Striped Fancy Tick, as either of the Patterns Nos. 1 to 50 in our Book, to a Doorway containing not more than about 40 square feet and including the necessary Brass Rod, Brackets, Rings and Hooks, costs from about 25/-.

Estimates given for other requirements.

ALEXANDRA BLINDS.

The **ALEXANDRA BLIND** is occasionally useful for Balconies, French Casements, and large Windows, where the Canaletti or Sopra cannot well be fitted, and, in certain aspects, it can also be adapted for Doors. It is worked with a Single Cord Action Roller, Jointed Iron Arms, and Reeded Front Rail.



ALEXANDRA SUN BLINDS, made with best Fancy Red, Blue, or Green Striped Ticks, as either of the Patterns Nos. 1 to 50 in our Book, in Painted Deal Cases complete ... ... **1/9 per sq. foot.**

Remounting old Rollers and Irons, &c., with new best Fancy Striped Ticks, as either of the Patterns Nos. 1 to 50 in our Book, new lines, &c., complete ... **7d. per sq. foot.**

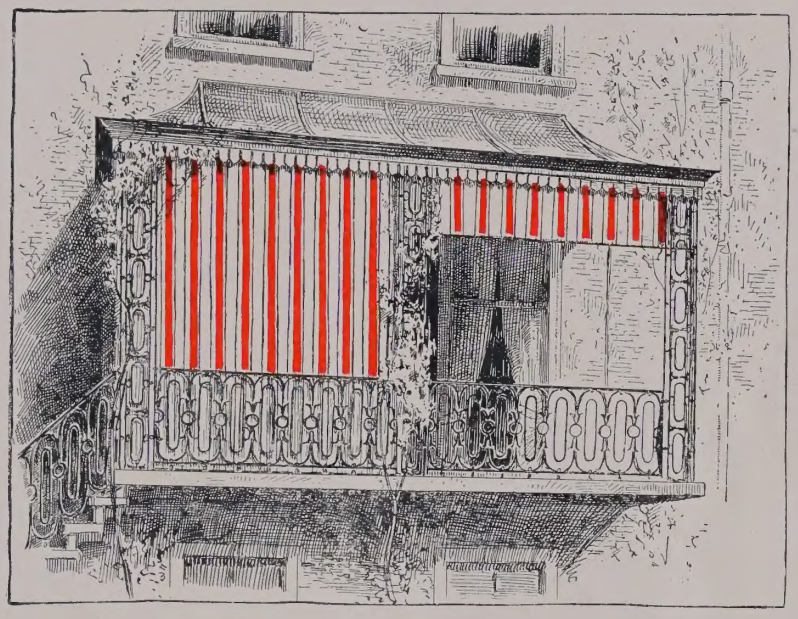
Patterns Nos. 51 to 99 in our Book, add 1½d. per square foot to either of above prices. Any other pattern Ticks add 2d. per square foot to above prices. 07 Tick, **1d.** per foot less than above prices.

Blinds under 20 square feet charged as 20 square feet.

Particulars required to make above Blinds:—1. Kind of Blind. 2. Width of opening between reveals 3. Height of ditto. 4. Depth of reveal. 5. Aspect of window. 6. Height of window from ground. 7. Pattern of Tick (quoting number in Book, or sending sample if not in our Book). 8. If other than ordinary stone colour case, what it is to be. 9. Square or circular-headed window (if other than true half-circle, send template).

BALCONY ROLLER BLINDS.

ROLLER BLINDS constructed to fall down in front of the Balcony are frequently fitted without any boxes where a verandah exists, as indicated in annexed engraving, and are an excellent sunshade.



BALCONY ROLLER BLINDS, on Single Cord Action Rollers with Brackets and Cleats, made with fancy Red, Blue or Green Striped Ticks, as either of the Patterns Nos. 1 to 50 in our Book, 7½d. per square foot.

If made on best English Steel Barrel Spring Rollers, 10½d. per square foot.

Remounting old Rollers with best Fancy Striped Ticks, as either of the Patterns Nos. 1 to 50 in our Book, new lines, &c., **5½d.** per square foot.

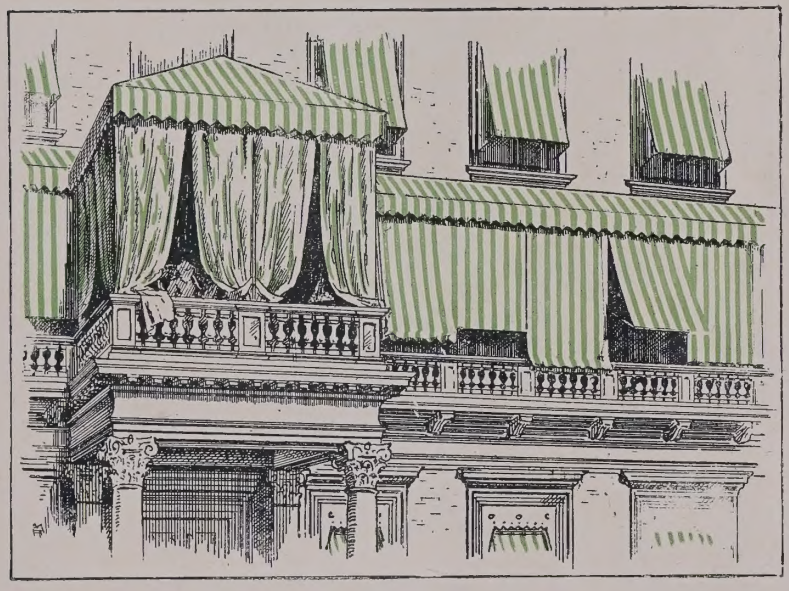
Patterns Nos. 51 to 99 in our Book, add **1½d.** per square foot to either of above prices, any other pattern Ticks add **2d.** per square foot to above prices. 07 Ticks **1d.** per foot less than above prices.

Blinds under 20 square feet charged as 20 square feet.

Particulars required to make above Blinds:—1. Kind of Roller (Spring or Sheath End). 2. Length of Roller say if over projecting pins. 3. Length of Cloth. 4. Pattern of cloth (quoting No. in our book, or sending pattern.) 5. How to fix, to head or face.

BALCONY BLINDS AND AWNINGS.

Where a house has a Balcony or Verandah, it is frequently covered in with **BLINDS** and **AWNINGS** in the hot weather, greatly adding to the comfort.

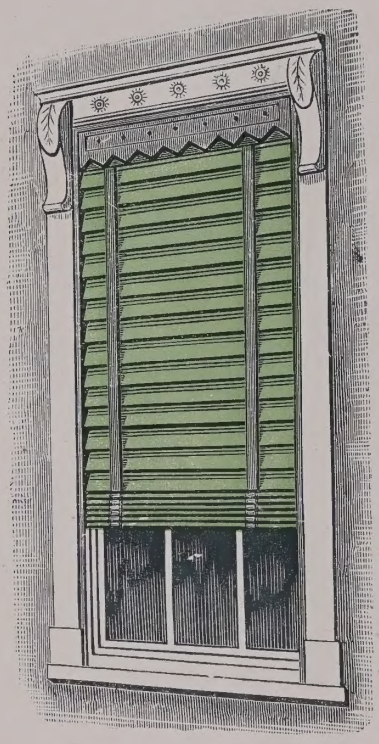


The modes of construction and requirements are very numerous, depending upon the amount of ironwork (where any is necessary) and the kind of **Blinds** or **Curtains** required. We give a suggestion in the above engraving.

We have a large experience in fitting up Awnings, &c., and are always prepared to submit Drawings and Estimates Free.

OUTSIDE VENETIAN BLINDS.

THE OUTSIDE VENETIAN is similar to the ordinary Inside Venetian Blind, but adapted for the outside of windows, and fitted in Cases to protect the Blinds from the weather, when not in use.



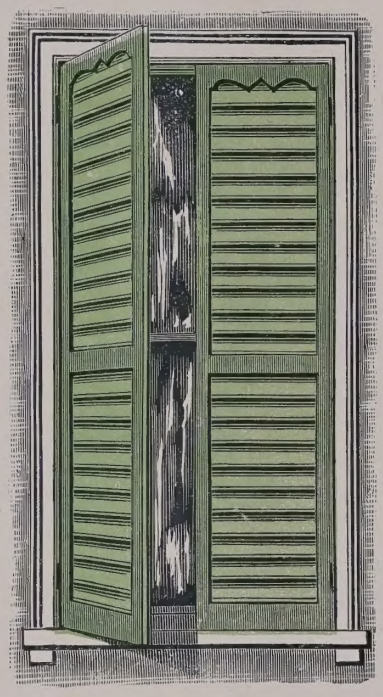
In Cases, painted any colour, 2/- per square foot.

Blinds under 20 square feet to be charged as 20 square feet.

Particulars required to make Outside Venetian Blinds:—Same as other Outside Blinds, except that the colour of laths is needed instead of pattern of Tick.

GERMAN SHUTTER OR JALOUSIE BLINDS.

SHUTTER BLINDS used at sea-side towns and exposed country houses, where they can be used both as Storm Blinds and Sun Blinds. These Blinds are very largely used on the Continent. Perhaps there is no Sun Blind so effective for keeping the room cool (especially bedrooms) as this one.



FOLDING SHUTTERS, hung on hinges, painted any colour, 3/8 per square foot. If made to slide, 4/3 per square foot.

These Blinds can be made so that the lathes turn to shade similarly to a Venetian Blind, at an extra charge of 10/- each Shutter, or the Top or Bottom half of the Shutter can be made to lift up or open at an extra charge of 7/6 each part.

The minimum charge is 15 square feet each Shutter.

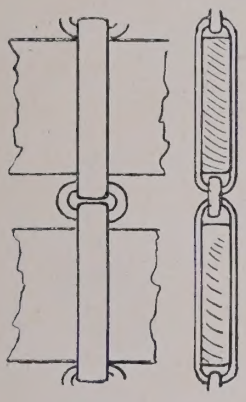
Particulars required to make Outside Shutter Blinds.—Same as other outside Blinds, except that the colour of Blind is needed instead of pattern of tick; also say if to hang or slide.

CONSERVATORY AND GREENHOUSE BLINDS.

THE requirements of Conservatories and Greenhouses in the way of Blinds vary so much according to the conditions under which they are used, and the opinions of Gardeners and other experts vary to so great an extent, that we find it is impossible to do more than give mere suggestions. We have a large experience in Conservatory and Greenhouse Blinds, and are always prepared to give prices and estimates, and where we can do so, to assist with advice as to the most suitable kind of Blind.

We give on the next page an Illustration of a Conservatory suggesting various kinds of Blinds for the different parts which will be found suitable.

A very popular method of covering the roof of Greenhouses is to use Lath Blinds. These Blinds are made of wooden laths joined together with metal hinges, the whole painted Green or any other colour that may be desired. We annex a full size Illustration showing the laths both on the flat and in section.



Blinds like these usually cost about 9d. a square foot, but the price varies rather according to the conditions under which they are used and the size of the building. The straight parts are made to roll up and down by their own weight with a single centre line as indicated in the engraving on the next page. The parts covering the angles usually have to be put on with hooks and rings.

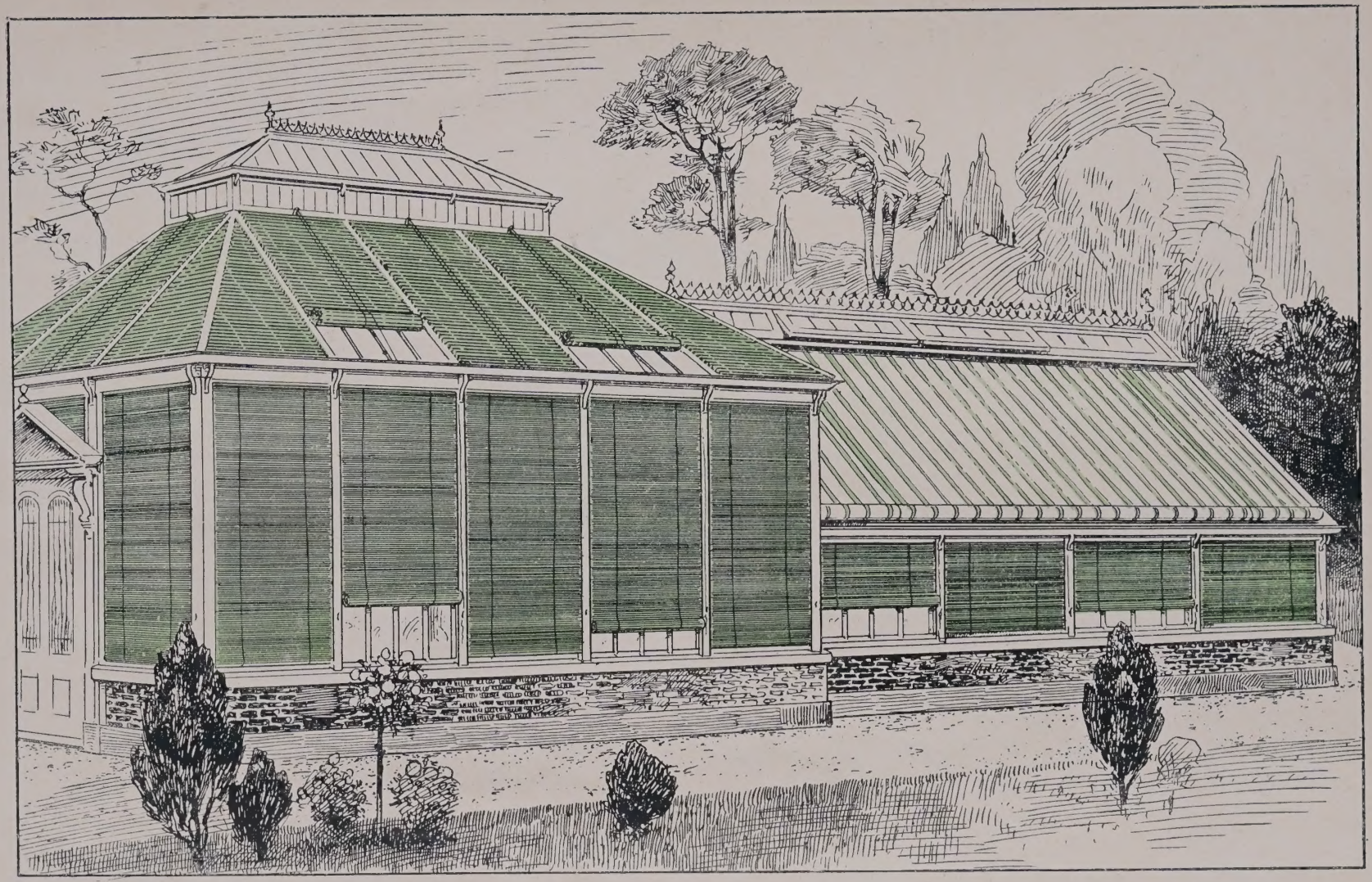
Another popular method of dealing with the roof of a Conservatory or Greenhouse is a Blind to roll down of its own weight with a heavy roller as indicated on the right-hand half of the engraving on the next page, but very frequently we fix a Spring Roller in a Box either at the ridge, or below the ventilators, so that the Blind can be drawn down with a single line, and where the length is too great for one Spring Roller, a series of rollers, the one coming as near as possible to the other.

For the sides of Conservatories, and very frequently for the roof as well, we do not think there is anything to equal Woodwire Blinds. We give full particulars and details of these on pages 55 to 58.

In our Illustration on the next page we have indicated the whole of the building fitted with Woodwire Blinds for the sides, and this is what we usually recommend. The prices will be found on pages 55 to 58.

These Woodwire Blinds are also very frequently the best thing to have for the roof of the building, to roll down of their own weight in exactly the same method as the Lath Blinds indicated in our Illustration.

As we have before said, the requirements for Greenhouses and Conservatories vary so much that it is very difficult to quote any definite prices, but on receipt of particulars, with a rough drawing of the building and sizes, we are always pleased to give Estimates, and advise what we consider best.



GARDEN TENTS.

Made with substantial Iron Tube Framing, with striped Linen Tick and side Curtains, suitable for a Garden Lawn; the Curtains fitted with Hooks and Rings. Height about 5 feet 9 inches at side.

	Curtains on Three Sides only.	If with Front Canopy as illustrated.
4 ft. 3 in. square	£4 0 0	... £4 7 0
5 ,, 3 ,, ,, ...	£4 17 0	... £5 7 6
6 ,, 3 ,, ,, ...	£6 0 0	... £6 15 0

SELF-ACTING OUTSIDE SHOP SUN BLINDS.

Self acting Spring Blinds are essential additions to all shops; they can be drawn out in a few seconds by one man or lad, and let up equally readily into Boxes to protect them from weather, or when not required for use.

Fitted with powerful **Spring Rollers** in yellow deal painted Boxes to fix on top of Cornice, with Striped or Plain Canvas Cloths, as patterns No. 10. 91, 92, in our book. One pair strong hinged or sliding Iron Arms, to throw out with knuckle joint or to slide. Ash Long Arm, to draw out.

Prices (complete) per foot run, measuring over ends of box:—	Box up to 12 ft. long.	Box over 12 ft. long.
Throw Out Irons up to 5 ft. long	10/-	9/4
,, ,, over 5 ft. up to 6 ft. long	10/4	9/8
,, ,, ,, 6 ft. ,, 7 ft. ,, ...	11/-	10/4
,, ,, ,, 7 ft. ,, 8 ft. ,, ...	11/8	11/-

If no Box where Blind is fitted in Cornice, deduct 2/- per foot.

Super Striped Cloth, (Nos. 38, 52, 74, or 92), Plain Sail Cloth, or similar value, add 6d. per foot run.
Duck Flax Sail Cloth (Nos. 93 or 96), Rot-proof Green (Nos. 94, 97), or similar value, add 8d. per foot run.
Super Duck Flax Sail Cloth (No. 98), or similar value, add 10½d. per foot run.
Extra Super Long Flax Sail Cloth (No. 90), add 1/1 per foot run.

NEW CLOTHS, ready to mount on own Spring Rollers, for renewals:—

Striped (No. 10) or Plain Canvas (Nos. 91, 92)	3½d. per square foot.
Super Striped (Nos. 38, 52, 74) or Plain Canvas (Nos. 93, 94, 96, 97)	4¼d. ,, ,,
Plain Canvas (No. 98)	4½d. ,, ,,
Extra Super Long Flax Sail Cloth (No. 90)	5d. ,, ,,

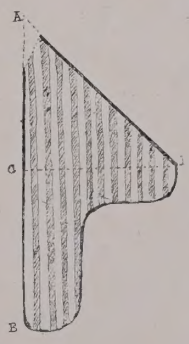
Writing on Cloths, 8d. per dozen inches.

Particulars required to make Shop Blinds:—1. To be made as method 1, 2, 3, 4. 2. Height from Pathway to where Blind is to fix. 3. Width of Front. 4. A rough full-size drawing or template of the whole of entablature round which Irons are to bend. 5. Width of Pathway. 6. Colour and Quality of Tick.

N.B.—A rough sketch of front is a great help.

Angle Side or Jib Blinds, with wooden rail and iron hook to fasten at top, and attachment at bottom to fix end of rail to bottom lath, cut to shape, thus:—

Cloth (Nos. 10, 91, 92)	4d. per square foot.
Cloth (Nos. 38, 52, 74, 93, 94, 96, 97) ...	5d. ,, ,,
Cloth (No. 98)	5½d. ,, ,,
Cloth (No. 90)	6d. ,, ,,



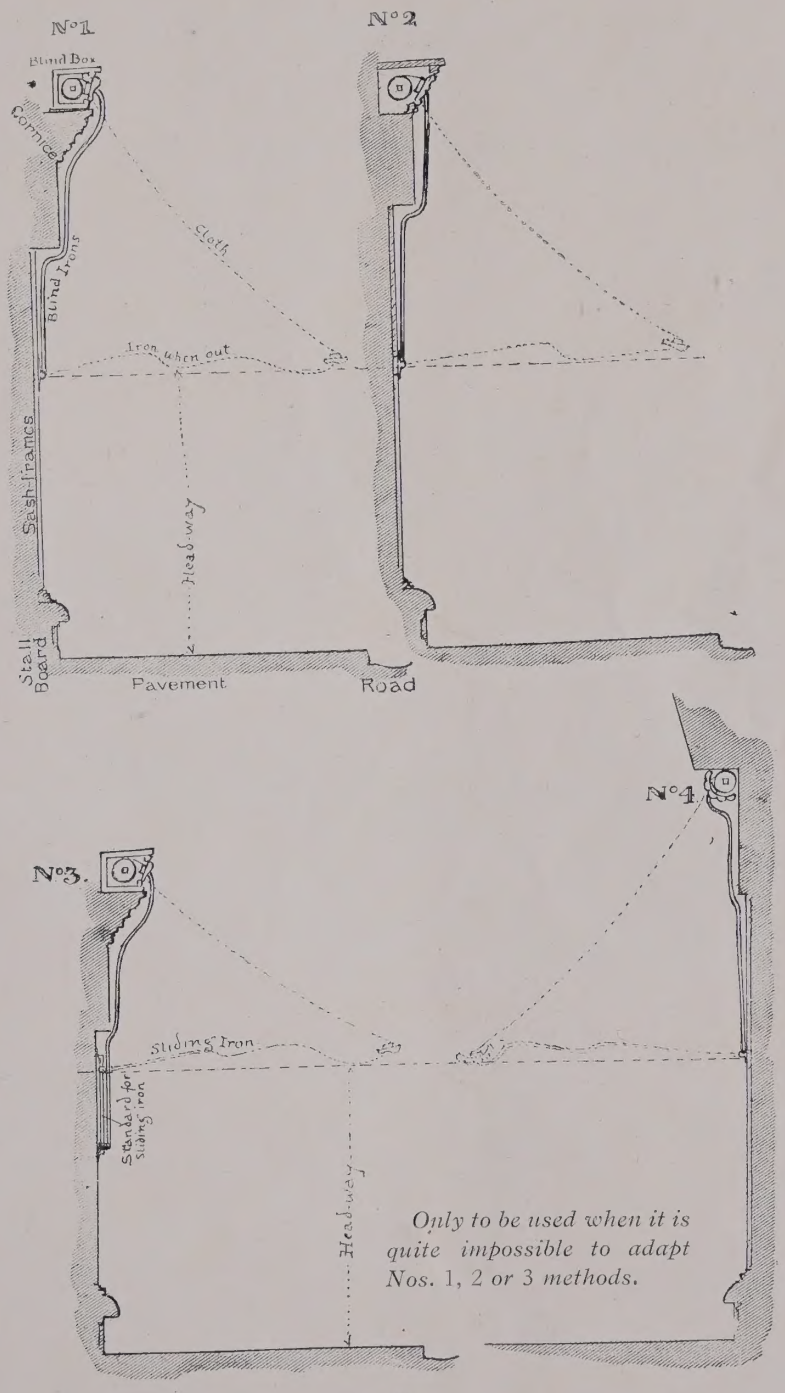
The size charged is A to B multiplied by C to D.

For Methods of fixing see next page.

METHODS OF FIXING OUTSIDE SHOP BLINDS.

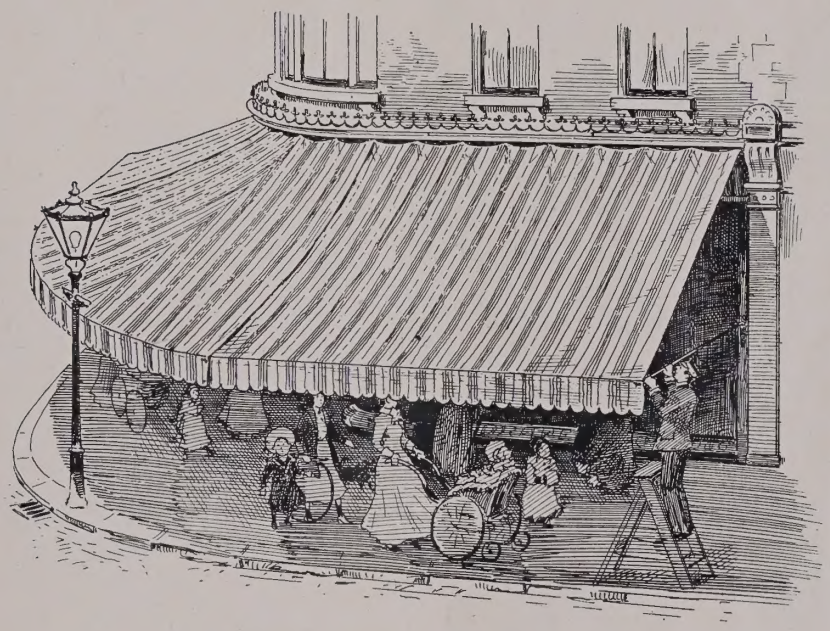
1. Illustrates Blind, fixed with box complete on Cornice. 2. Illustrates Blind fitted into Cornice, part of the Cornice forming the Front Rail of Blind. 3. Illustrates Blind same as No. 1, but to a low Shop, the Irons being made to slide to give additional headway. (Nos. 2 and 4 can also be made thus). 4. Illustrates Blind fixed in a recess where it is quite impossible to fix on the Cornice. No Box is supplied, only a Reeded Front Lath to protect Blind.

N.B.—Blinds should always be fixed on the Cornice where at all possible. No. 4 method should only be adopted when the others cannot possibly be. The Spring Roller being heavy, should always have the support that a Cornice gives. Additional expense is entailed in the extra fitting necessitated by No. 4 method.



HOOK-OUT SHOP BLINDS.

Occasionally the architecture of Shop premises is such that **SELF-ACTING SPRING ROLLER BLINDS** cannot be fitted, in which case **HOOK-UP BLINDS** can be arranged as indicated on annexed engraving.



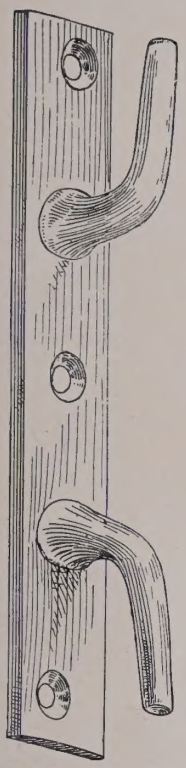
Also these Blinds are sometimes fitted when the expense of Self-acting Spring Rollers is too heavy.

The price is according to estimate, the cost of the Cloths being about the same as new Cloths to Spring Blinds (*see page* 71), with an addition of from £1 to £2 for ironwork and other fittings.

Illustrations of the various Parts used by us in Manufacturing

OUTSIDE SUN BLINDS

These Goods are only sold by us Wholesale. For Prices see Special Warehouse List.

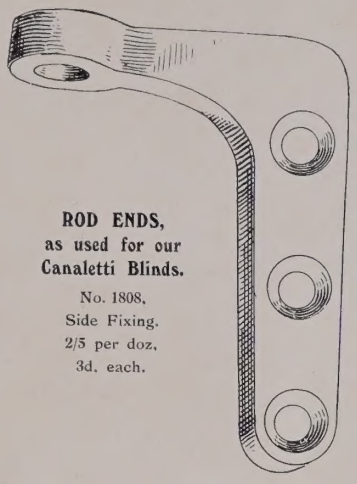


HOOKS ON PLATE,
for Conservatory and other Large Blinds.

8 in. long.

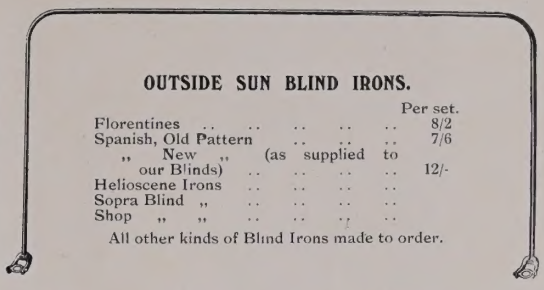
Brass.
No. 1006.—23/6 per doz.
2/2 each.

Japanned Iron.
No. 1007.—7/6 per doz.
9d. each.



ROD ENDS,
as used for our Canaletti Blinds.

No. 1808,
Side Fixing.
2/5 per doz,
3d. each.



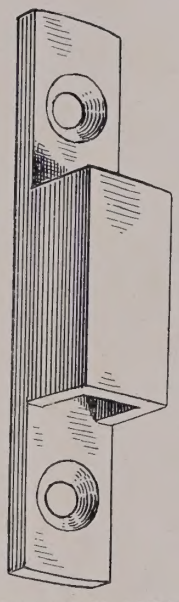
OUTSIDE SUN BLIND IRONS.

	Per set.
Florentines	8/2
Spanish, Old Pattern	7/6
,, New ,, (as supplied to our Blinds)	12/-
Helioscene Irons	
Sopra Blind ,, ...	
Shop ,, ,, ...	

All other kinds of Blind Irons made to order.

RINGS,
as used for Florentine and other Sun Blinds.

	Gross.	Doz.
⅜ in., Brass, hollow ..	10d.	1½d.
½ in., ,, ,, ..	10½d.	1½d.
½ in., ,, solid ..	1/5	2d.
¾ in., ,, ,, ..	2/3	3d.
1 in., ,, ,, ..	3/1	3½d.
1⅛ in., ,, ,, ..	4/3	4½d.
1¼ in., ,, ,, ..	7/6	7½d.
1½ in., ,, ,, ..	10/-	11d.
1⅛ in., Tinned Iron ..	3/4	4d
1½ in., ,, ,, ..	5/-	7½d.

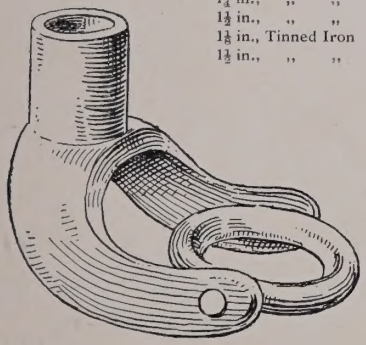


CAST BRASS SOCKETS
for Hooks to Hook out our Janella Sun Blinds.

No. 1660.—4/9 per doz., 6d. each.
Hooks, up to 18 in. long, 2/10 pair

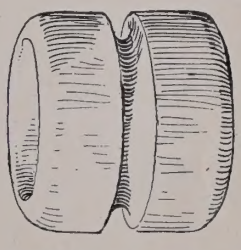
ROD ENDS,
as used for our Canaletti Blinds.

No. 1809.
Face Fixing.
3/1 per doz.
3d. each.



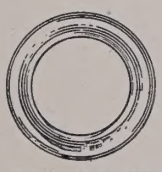
MALLEABLE SWIVEL RINGS and FORKS,
as used for our Florentine and Canaletti Blinds.

No. 1806.—½ in. .. 5/- per doz. .. 6d. each.
,, 1807.—⅜ in. .. 3/11 ,, .. 4d. ,,



THIMBLES, as used for our Oriental Blinds.

No. 1718.—1/5 per doz., 2½d. each



BRASS EYELETS AND RINGS.

¾ in. ..	1/10 per gross
1 in. ..	4/8 ,,
1¼ in. ..	7/10 ,,

Other sizes can be supplied. (Measures are over all diameter.)

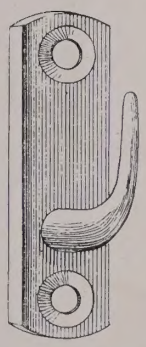


PLATE HOOKS,
as used for Outside Sun Blinds

Brass.
No. 1000 .. 27/9 per gross.
Malleable Japanned Iron.
No. 1001 .. 20/3 per gross.
Larger size ditto.
No. 1002 .. 24/3 per gross.

MALLEABLE IRON SHOES, as used for Sopra Blinds.

	doz.	each.
No. 1800—For 1 in., iron ..	13/6	1/2½
No. 1801—For ¾ in., ,, ..	10/8	11½d.
No. 1802—For ⅝ in., ,, ..	3/11	4d.

LONG ARM HOOKS, as used for Shop and Sopra Blinds.

Brass.

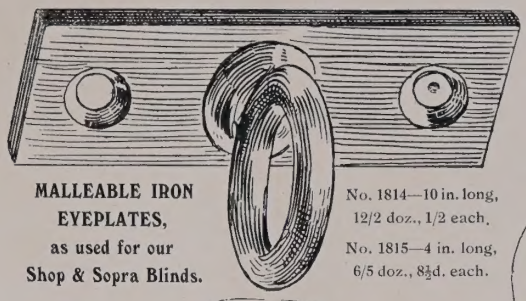
No. 1650—1 in., 20/4 doz. 1/11 each.

No. 1651—1¼ in., 24/3 doz. 2/3 each.

Malleable Iron.

No. 1652—1½ in., 8/11 doz. 10½d. each.

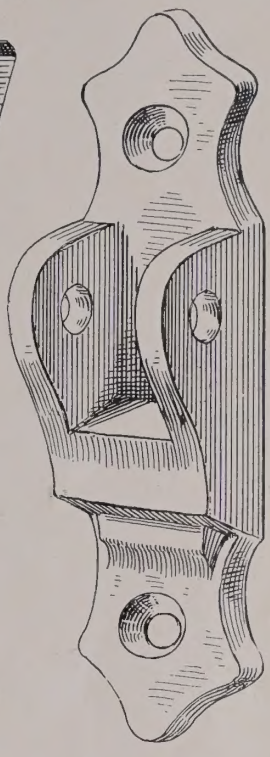
ASH LONG ARMS, 2/6 to 4/- each.

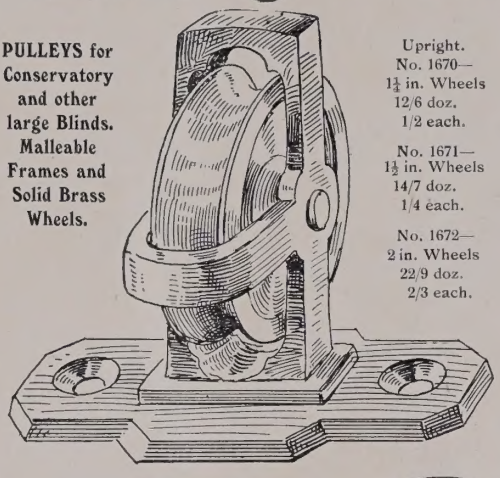


MALLEABLE IRON EYEPLATES, as used for our Shop & Sopra Blinds.

No. 1814—10 in. long, 12/2 doz., 1/2 each.

No. 1815—4 in. long, 6/5 doz., 8½d. each.





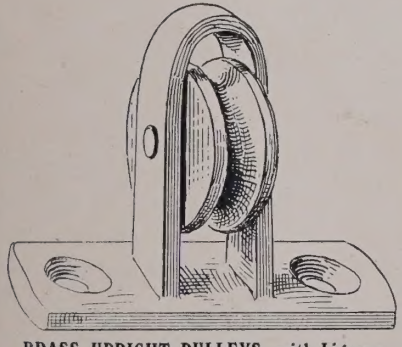
PULLEYS for Conservatory and other large Blinds. Malleable Frames and Solid Brass Wheels.

Upright.

No. 1670—1¼ in. Wheels 12/6 doz. 1/2 each.

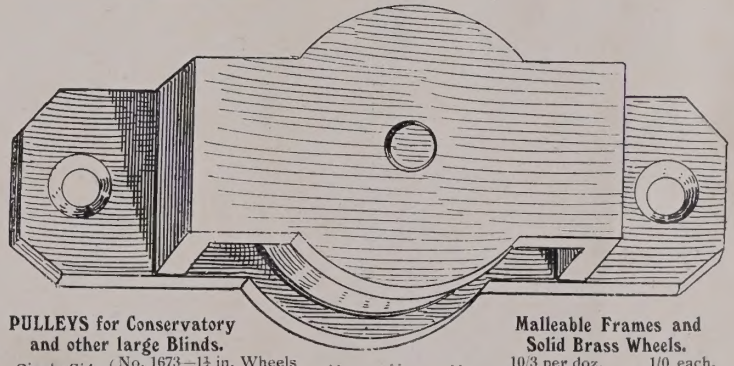
No. 1671—1½ in. Wheels 14/7 doz. 1/4 each.

No. 1672—2 in. Wheels 22/9 doz. 2/3 each.



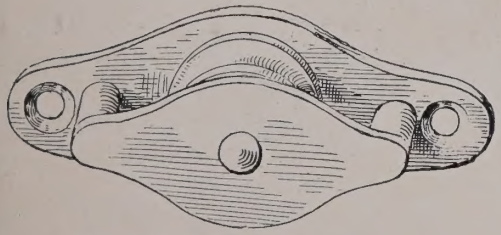
BRASS UPRIGHT PULLEYS, with Lignum Vitæ Wheels as illustrated or the reverse way of Plate.

No. 1690—⅞ in. ..	5/0 doz.	6d. each.
No. 1691—1 in. ..	5/9 ,,	7d. ,,



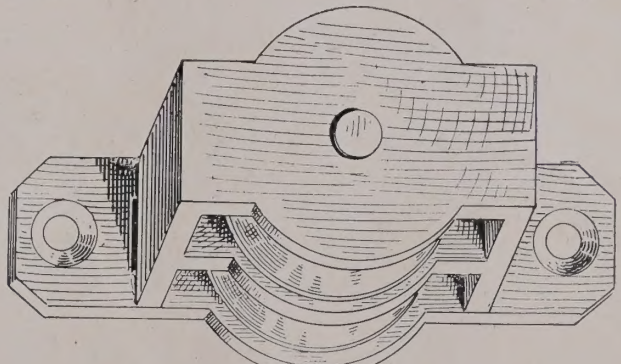
PULLEYS for Conservatory and other large Blinds.

		Malleable Frames and Solid Brass Wheels.	
Single Side Pulley.	No. 1673—1¼ in. Wheels	10/3 per doz.	1/0 each.
	No. 1674—1½ in. ,, ...	14/3 ,,	1/5 ,,
	No. 1675—2 in. ,, ...	19/6 ,,	1/11 ,,



BRASS SIDE PULLEYS, Lignum Vitæ Wheels.

No. 1694—¾ in.	5/0 doz.	6d. each.
No. 1695—⅞ in.	6/0 ,,	7d. ,,



PULLEYS for Conservatory and other large Blinds. Malleable Frames and Solid Brass Wheels.

Double Side Pulley.	No. 1676—1¼ in. Wheels ..	18/3	1/10 each.
	No. 1377—1½ in. ,, ..	23/6	2/3 ,,
	No. 1678—2 in. ,, ..	35/9	3/4 ,,

REVOLVING SHUTTERS.

SELF-ACTING, REVOLVING SHUTTERS, with Wood Laths, on powerful Spring Rollers, to be raised or lowered in a few seconds. Suitable for Shop Windows, Temporary Partitions, or Windows of Private Residences in exposed positions.

From 2/- per square foot.

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